

Oracle Discoverer

Using Oracle Discoverer for Your
Reporting Needs

Presented by
Richard Parsons

Agenda

- Introduction...Who, what, where, when, why and how
 - Demo Feature comparison with Data Extractor
 - Questions and Discussion

Session Objectives

- Provide a demo of the Discoverer tool.
- Compare the two main data mining tools.
- Answer questions about the Discoverer tool.

WHO impacts or is impacted by Discoverer?

- Developers
 - Views
- Admin / Report Coordinators
 - Grant Data access
 - Write report templates for user community <http://ibs>
 - Choose Assist option
 - Support / Training
 - Maintain environment
- Users
 - Use canned queries (all DE)
 - Create or customize your own

WHAT is Discoverer?

- PC based reporting tool used for data analysis (you can't break anything)
- Bundled with Oracle software
- Off the shelf product
- Industry standard
- Benchmarking with similar organizations
- 32 bit application

WHERE is Discoverer?

- Where is the download info:
 - <http://eis/~cdeleon> or http://de
- Where are the canned queries:
 - K:jpl/group/orapps/discoverer/prod
query

WHEN WHEN WHEN?

- Past
 - Tool offered at implementation of Oracle
 - Some groups began utilization at inception
- Present
 - Acquisition
 - Services
 - Some technical orgs using extensively
 - Report coordinators
 - Individuals across lab

WHEN?

- Future
 - Upgraded version coming soon
 - More structure along functional lines
 - Better Security
 - Better Support
 - Formal Training
 - Web based version coming soon

WHY Discoverer?

- More sophisticated tool
- 32 bit system (not such a system hog – like DE)
- Access to data that other tools can't reach
 - Subcontract wizard
- PO and Payables info on same query
 - After freeze lifted
- Industry standard / Off the shelf Oracle product
- Can cancel a query

HOW does one discover Discoverer?

- Discoverer Demo
 - Sign in
 - Username: noetix
 - Password: noetix
 - Database: prod

Feature Comparison

- | | |
|------------------------|------------------------------------|
| • Discoverer | • Data Extractor |
| – Run canned queries | – Run canned queries |
| – Sort | – Sort |
| – Moving column | – Moving column |
| – Add additional field | – Add additional field |
| – Adjust column width | – Adjust column width |
| – Rename column | – Rename column <u>NO</u> |
| – Text wrap | – Text wrap <u>NO</u> |
| – Note Exceptions | – Note Exceptions <u>NO</u> |

Feature Comparison

- | | |
|---|---|
| <ul style="list-style-type: none">• Discoverer<ul style="list-style-type: none">– Export to Excel– Totals and Subtotals– Do calculations within the tool– Graphing– Print Preview– Quick Access<ul style="list-style-type: none">– From computer to personal stuff | <ul style="list-style-type: none">• Data Extractor<ul style="list-style-type: none">– Export to Excel– Totals and Subtotals– Do calculations within the tool <u>NO</u>– Graphing <u>NO</u>– Print Preview <u>NO</u>– Quick Access<ul style="list-style-type: none">– From computer to personal stuff <u>NO</u> |
|---|---|

Feature Comparison

- Discoverer
 - Crosstabs
 - Data Extractor
 - Crosstabs
- NO**

Questions

- Is Data Extractor going away?

Questions

- Do you promise Data Extractor is not going away?

Questions (about Discoverer)

- When will training be available?
 - The Discoverer upgrade is in progress.
 - The database and set up are being upgraded.
This upgrade should be functionally transparent to the user.
 - User Group specific training is currently being developed to coincide with the improved discoverer structure.

Questions (about Discoverer)

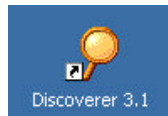
- Open question and discussion time.

Thank You!

- Go forth and discover **Discoverer!**

1. download

<http://eis/~cdeleon>

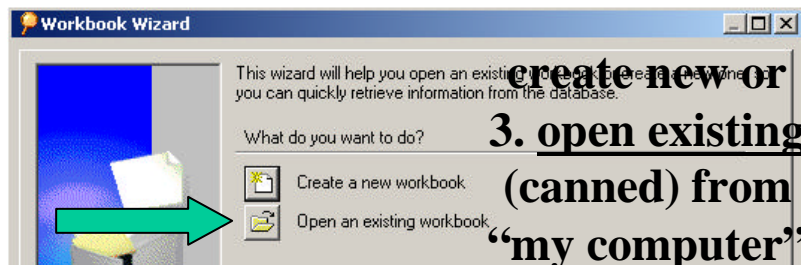


Discover the Oracle **DISCOVERER** Tool

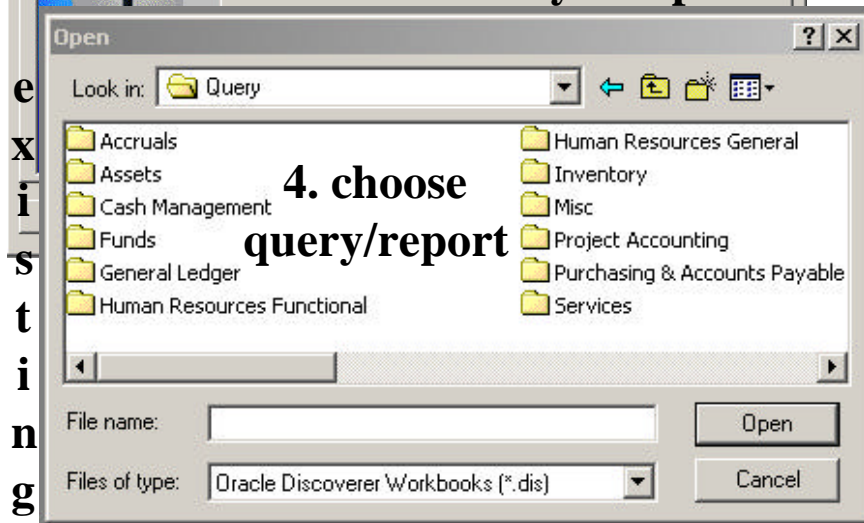


2. sign in

username: noetix
password: noetix
connect: prod

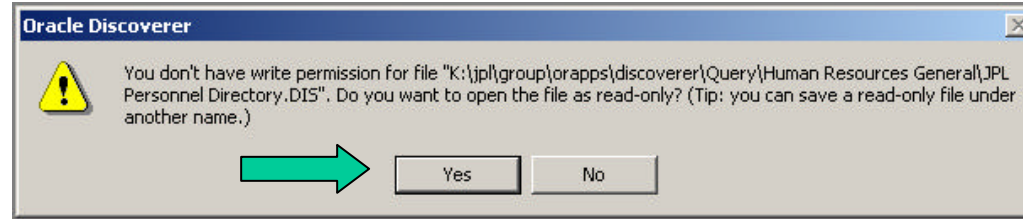


3. open existing
(canned) from
"my computer"

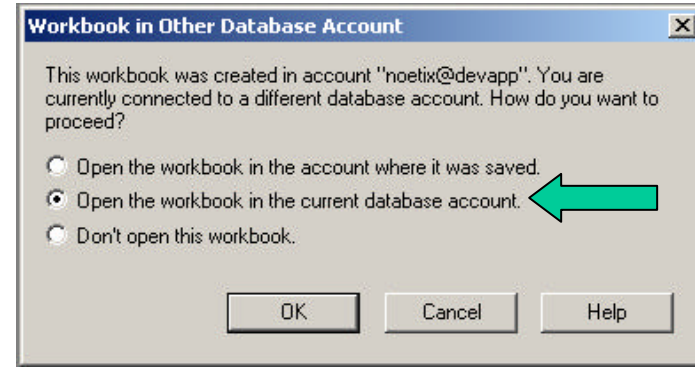


4. choose
query/report

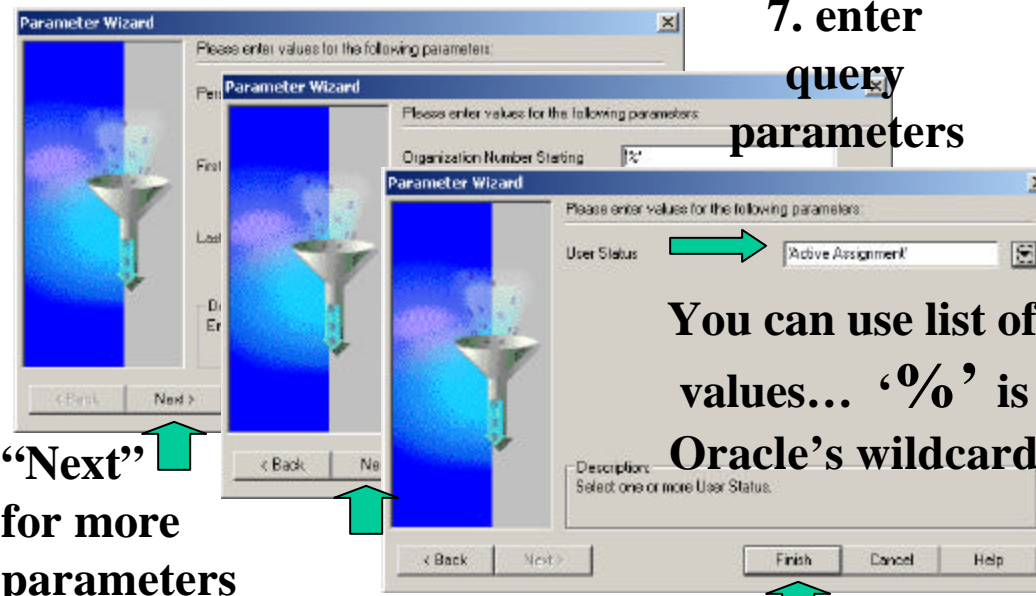
k://jpl/group/orapps/discoverer/Prod Query



5. "Yes"...we don't save to the k: drive



canned was
created by a
developer...
6. open yours
in current



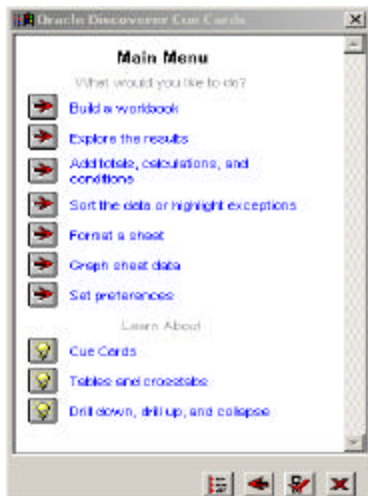
7. enter
query
parameters

You can use list of
values... '% ' is
Oracle's wildcard

"Next"
for more
parameters

"Next"

8. "Finish"



Schedule a workbook or worksheet

1. Open the workbook you want to schedule.

2. Select **Schedule** from the **File** menu.

3. In the Schedule Workbook Wizard, select the sheet (s) you want to schedule.

Note: You can select all of the worksheets in the current workbook by clicking **Select All**.

4. Enter the time and date you want this workbook to run.

5. Select how often to run this scheduled workbook.

6. Click **Next**.

7. Enter a name and description for this scheduled workbook.

8. Enter how long you want to save the results of this scheduled workbook.

9. Click **Finish**.

Create a new workbook

1. From the **File** menu, choose **New**.

The Workbook wizard will guide you through each step of the process. After each step, click **Next**.

2. Select a format for displaying the information you retrieve from the database.

3. Select items from the **Available** list and click the right arrow to move them to the **Selected** list.

4. Arrange the items in the layout by dragging them to the positions you want.

To create a page item, select the **Show Page Items** box and drag one or more items to the **Page Items** box.

5. The Workbook wizard provides these options in succeeding steps:

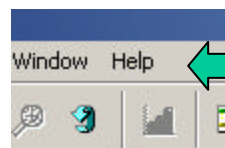
- ▶ Define conditions to filter the query results.
- ▶ Sort data items. (For table layout only)
- ▶ Create calculations.

6. Click **Finish**. Oracle Discoverer runs the query and displays the results in a new workbook.

Save a workbook

From the **File** menu, choose **Save**.

Oracle Discoverer saves the workbook.



use Help
to get
cue cards

Add a new sheet

1. From the **Sheet** menu, choose **New Sheet**. The New Sheet wizard will guide you through the process. After each step, click **Next**.

2. Select a format for displaying the information you retrieve from the database.

3. Select items from the **Available** list and click the right arrow to move them to the **Selected** list.

4. Arrange the items in the layout by dragging them to the positions you want.

To create a page item, select the **Show page items** box and drag one or more items to the **Page Items** box.

5. The New Sheet wizard provides these additional options in succeeding steps:

- ▶ Define conditions to filter the query results.
Conditions already defined for the current sheet are listed. Select the check boxes of the conditions you want to take effect in the new sheet.
- ▶ Sort data items. (For table layout only)
To add items to be sorted, click **Add**. Then select the options you want.
- ▶ Create calculations.
Calculations already defined for the current sheet are listed. Select the check boxes of the calculations you want to take effect in the new sheet.

6. Click **Finish**. Oracle Discoverer runs the query and displays the results in a new sheet.

Edit a sheet

1. From the **Sheet** menu, choose **Edit Sheet**.

2. In the Edit Sheet dialog box, you can make five kinds of changes to the sheet:

- ▶ Click **Select Items** to add or delete items from the query.
- ▶ Click **Layout** to rearrange the positions of items.
- ▶ Click **Conditions** to add, delete, or edit conditions.
- ▶ Click **Sort** to sort an item. (For table layout only.)
- ▶ Click **Calculations** to add, delete, or edit calculations.

3. Click **OK**. Oracle Discoverer runs the query and displays the new results in the current sheet.

Duplicate a sheet as a crosstab

1. From the **Sheet** menu, choose **Duplicate as Crosstab**.

2. In the Duplicate as Table dialog box, drag items to the positions you want in the layout.

To create a page item, select the **Show Page Items** box and drag one or more items to the **Page Items** box.

3. You can also:

- ▶ Click **Select Items** to select different items to display in the table.
- ▶ Click **Conditions** to add, delete, or edit conditions.
- ▶ Click **Calculations** to add, delete, or edit calculations.

4. Click **OK**. Oracle Discoverer creates a new sheet in table layout.

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